

IN THE CLAIMS:

1. (Previously Presented) A configuration method for an automation module on a TCP/IP network to which at least one item of automation equipment also is connected, the method in sequence comprising:

assigning an application name for the automation module, said application name being unique on the TCP/IP network;

sending by the automation module a request address query on the TCP/IP network, the request address query comprising the application name of the automation module and being in conformance with DHCP protocol; and

sending by the automation module a read configuration query in conformance with FTP or TFTP protocol, on the TCP/IP network, to an FTP/TFTP server.

2. (Previously Presented) The configuration method according to claim 1, wherein one of said automation equipment connected to the TCP/IP network comprises a DHCP server compliant with DHCP protocol.

3. (Previously Presented) The configuration method according to claim 1, wherein one of said automation equipment connected to the TCP/IP network comprises an FTP/TFTP server.

4. (Previously Presented) The configuration method according to claim 1, wherein sending by the automation module further comprises the automation module receiving a response to the request address query from a DHCP server, said response containing an IP address and a location of a data file specific to the automation module, making possible sending by the automation module a read configuration query.

5. (Previously Presented) The configuration method according to claim 4, wherein the read configuration query uses the location of the data file for the automation module.

6. (Previously Presented) The configuration method according to claim 5, additionally comprising sending by the automation module a read configuration query receiving by the automation module a response to the read configuration query from the FTP/TFTP server, the response containing the data file for the automation module, so that the automation module can then change to an operational state.

7. (Previously Presented) The configuration method according to claim 6, wherein the data file of the automation module is identified by the application name of the automation module.

8. (Previously Presented) The configuration method according to claim 6, wherein when the automation module is in an operational state, the automation module sends a write

configuration query on its own initiative to the FTP/TFTP server to update or save all or some of the automation module data file.

9. (Previously Presented) The configuration method according to claim 6, wherein when the automation module is in an operational state, the automation modules sends a read configuration query on its own initiative to the FTP/TFTP server to check or reload all or some of the automation module data file.

10. (Previously Presented) Automation assembly for implementing a method of configuring an automation module according to claim 1, the automation assembly comprising at least one automation module connected to a TCP/IP network and equipped with a first processing unit connected to a first storage means and to a first network communication interface, wherein the automation module is for storing an application name specific to the automation module in the first storage means, and for executing a DHCP client process and an FTP/TFTP agent process in the first processing unit.

11. (Currently Amended) The automation assembly according to claim 10, comprising first automation equipment connected to the TCP/IP network and equipped with a second processing unit connected to a second storage means and to a second network communication interface, ~~wherein~~ wherein the first automation equipment is for executing a DHCP server process in the second processing unit and for memorizing a configuration table in

said second storage means, thereby associating the application name of at least one DHCP client process with an IP address and a location of a data file.

12. (Previously Presented) The automation assembly according to claim 11, comprising a second automation equipment (connected to the TCP/IP network and comprising a third processing unit connected to a third storage means and to a third network communication interface, wherein the second automation equipment is for executing an FTP/TFTP server process in its processing unit and for memorizing a data file corresponding to at least one FTP/TFTP agent process in said third storage means.

13. (Previously Presented) The automation assembly according to claim 11, wherein the first automation equipment is for executing an FTP/TFTP server in said second processing unit and for storing a data file corresponding to at least one FTP/TFTP agent in said second storage means.